

Inspectorate America  
104 Thadeus Street  
South Portland, Maine 04106  
(207)767-1711



## QUALITY CERTIFICATE

Vessel	SHORE TANK	Port	PORTSMOUTH, NH	Report	PL04-299
Customer	SPRAGUE	Date	May 6, 2004	Reference	
Operation	ANALYSIS	Terminal	GOSLING RD	Sample #	575200

Name of material being tested  
Description of sample source  
Samples Drawn by (company)  
Samples Tested by (company)

**#6 FUEL OIL**

**TANK 2**

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Tests being Performed	Test method	Sample Results
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GRAVITY, API	ASTM D 4052	12.7
SULPHUR, % WT.	ASTM D 4294	1.683
VISCOSITY SSF @ 122F	ASTM D 445/2161	106.9
POUR POINT, F.	ASTM D 97	+15.8
FLASH POINT, F.	ASTM D 93B	198
WATER BY DISTILLATION	ASTM D 95	0.8
VANADIUM, PPM	IP-470	102
WATER & SEDIMENT, % VOL.	ASTM D 1796	0.8
VISCOSITY CST @ 50C	ASTM D 445	226
SODIUM, PPM	IP-470	49
ASPHALTINE, % WT.	IP 143	7.49
BTU'S POUND	ASTM D 240	18,291
BTU'S GALLON	CONVERSION	149,474
ASH	ASTM D 482	0.072
CARBON RESIDUE, MCRT	ASTM D 4530	12.4
SEDIMENT BY EXTRACTION	ASTM D 473	0.05
NITROGEN, % WT.	ASTM D 3228M	0.381

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.

DAVID CAWOOD

**BSI-Inspectorate America Corp (Portland Me.)**